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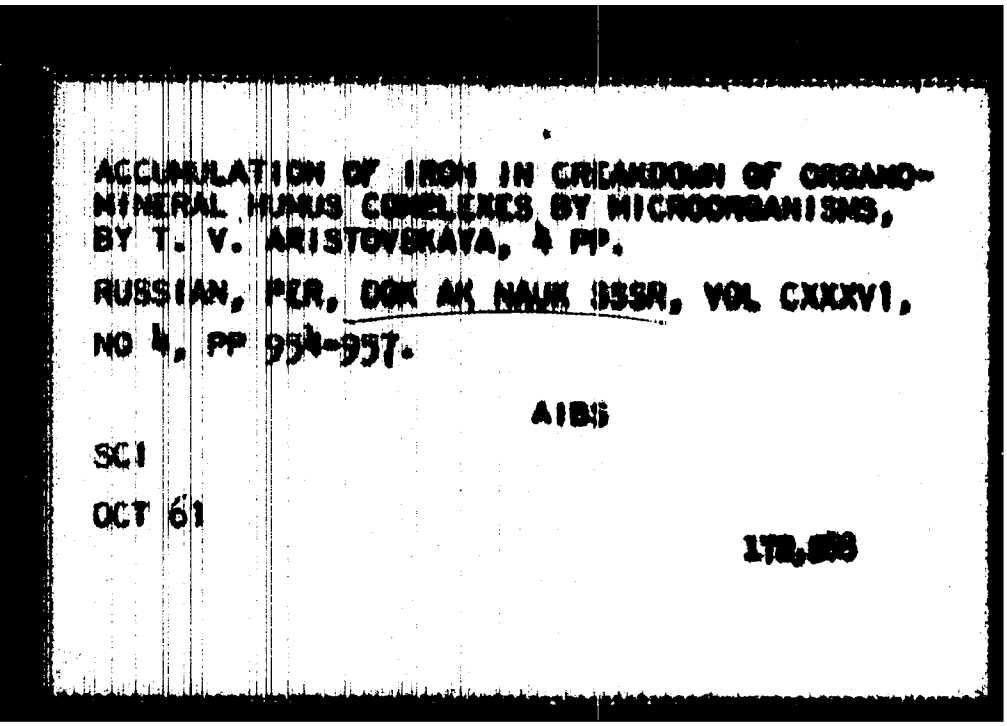

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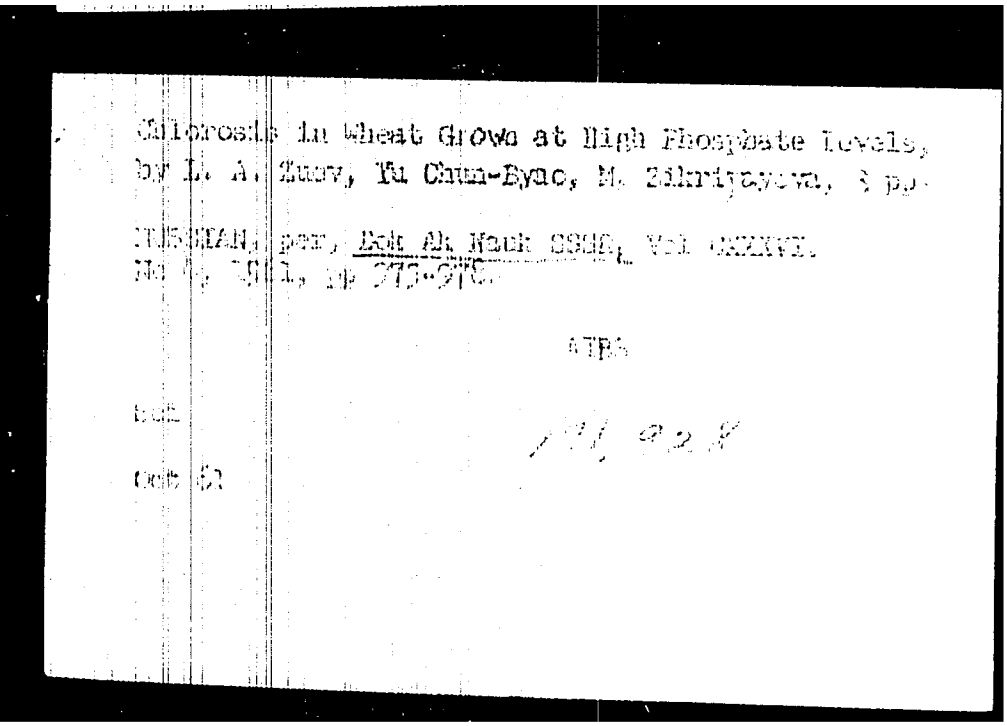

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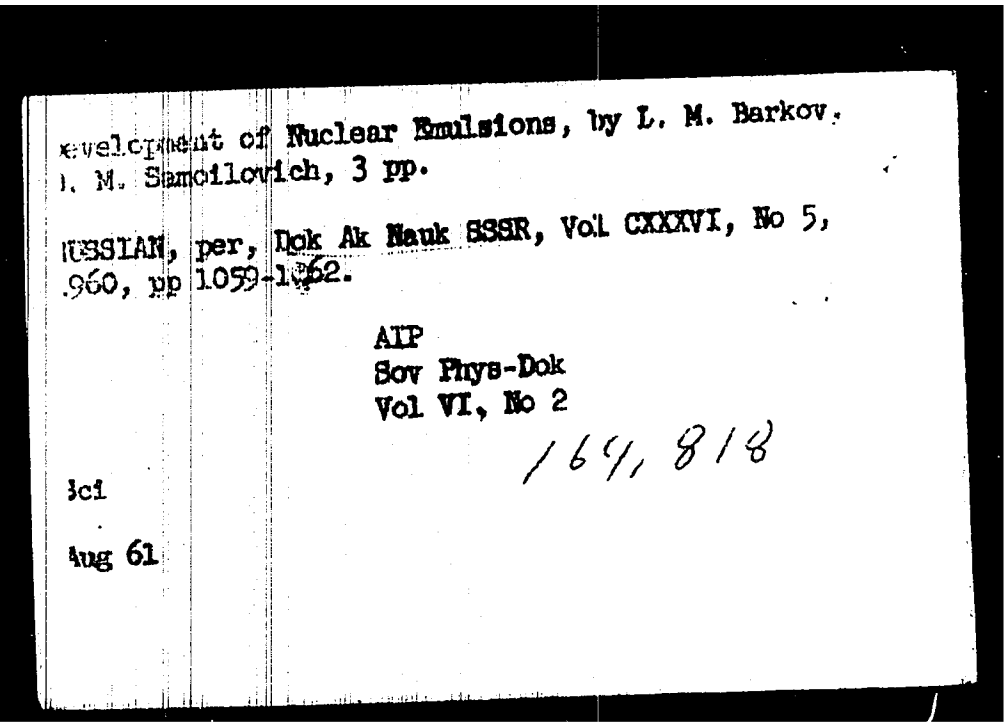

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Gryaznov, V.M., Shimulis, V.I., and Yagodovski, V.D.
INFLUENCE DE L'ÉTAT DE SURFACE DES MÉTAUX À MESURE QU'IL APPROCHE DE L'ÉQUILIBRE SUR LES PROPRIÉTÉS CATALYTIQUES DES MÉTAUX (Dependence of the Catalytic Properties of Metals on how Near is Their Surface to Equilibrium). 8p. 11refs. CNRS-XVII 554.
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Trans. in French of Akademiya Nauk SSSR Doklady, 1961, v.136, no.5, p.1086-1089.

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(Chemistry--Physical, TT, v. 11, no. 6)

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II. Shimulis, V.I.
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IV. CNRS-XVII 554
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The Correlation of the Lower Cambrian Horizons of the Sayan-Altai Region and the Siberian Platform, by I. T. Zhuravleva, L. N. Repina, 3 pp.

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NASA TT F-8053

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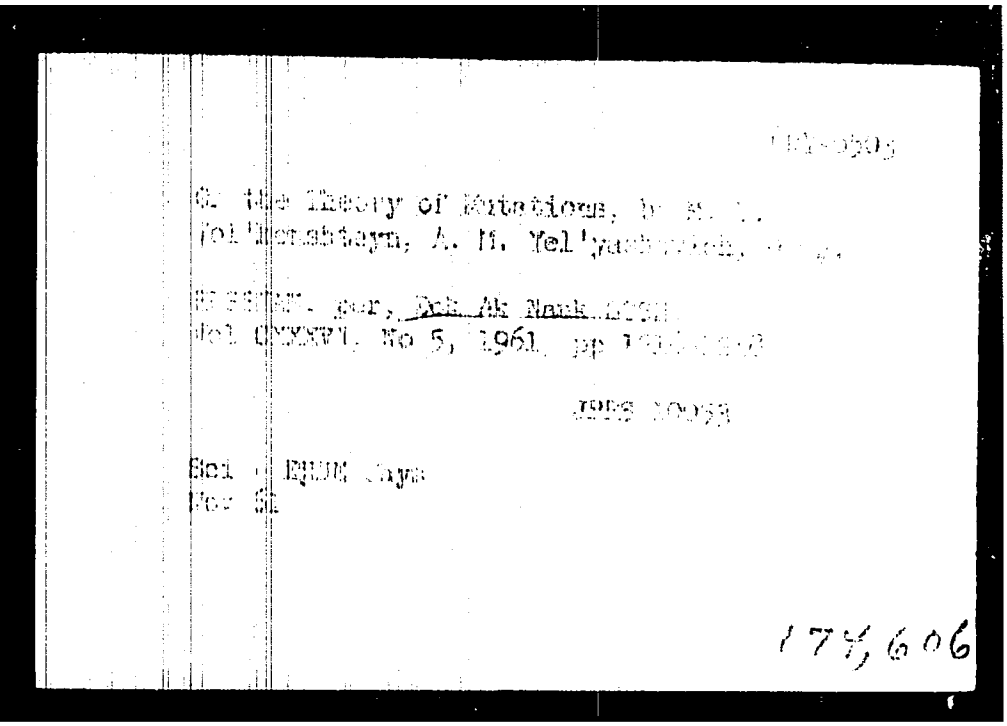

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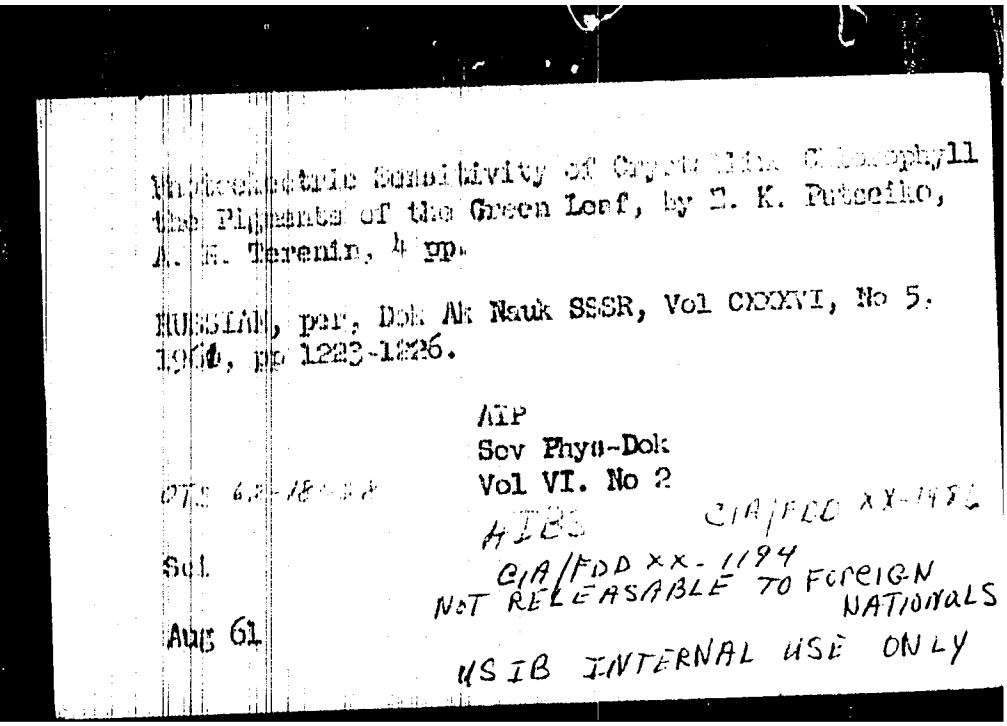

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OTS 62-18[illegible]

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The Fractionation of Various Forms of Pigments in Homogenates of Etiolated and Illuminated Leaves, by A. A. Krasnovskiy, M. I. Bystrova, A. D. Sorokina. 4 pp.

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(NY-6503)

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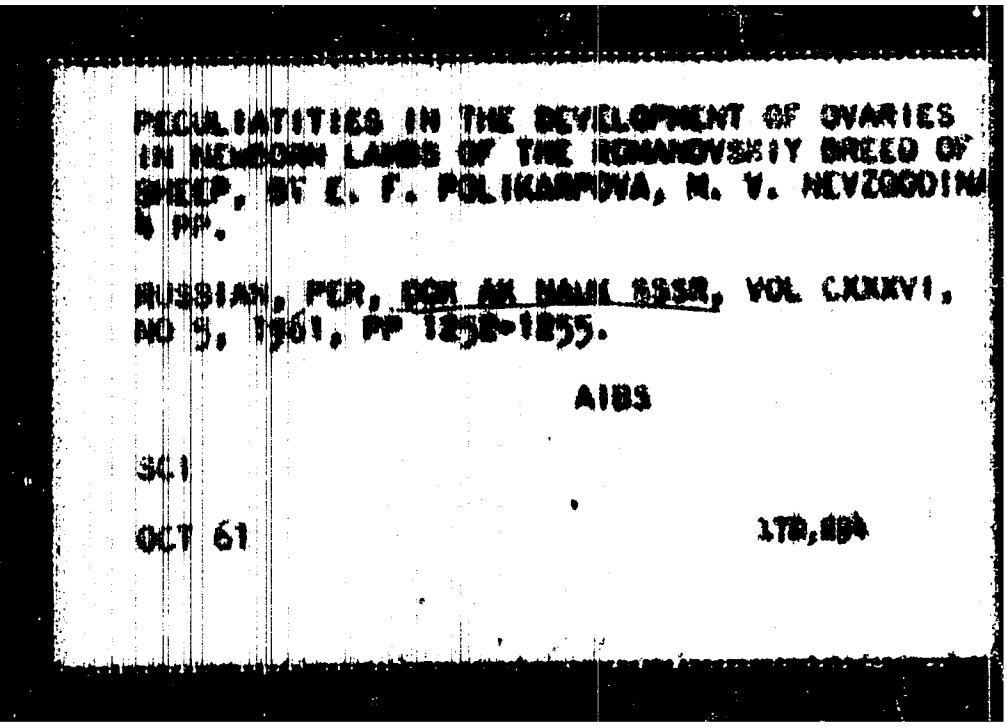

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Exceptional Cases of Integral Equation of Convolution Type and Equations of the First Kind, by F. D. Gahov, 4 pp.

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On the Motion of Derivative System According to M. A. Lavrent'ev, by B. V. Sabat, 4 pp.

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The Approximate Solution of Volterra Equations of the Second Kind by the Method of Iterations, by Yu. N. Sahov, 3 pp.

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JPRS 11164

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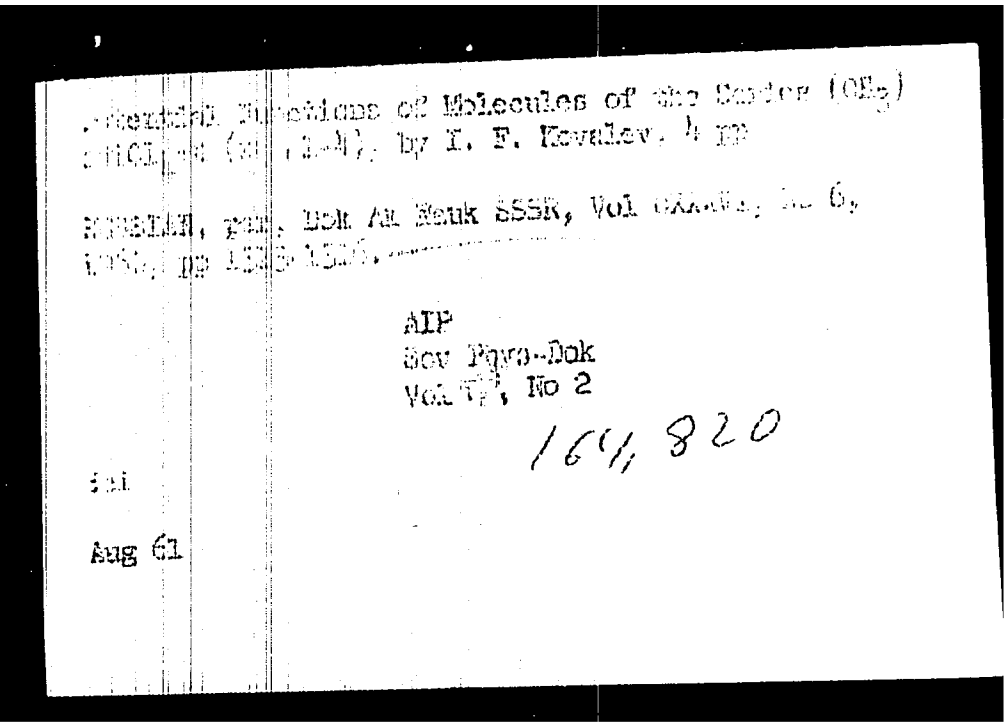

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(SF-1880)

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JPRS 10500

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Basic Features of the Structure of the Earth's Crust in the Greater Caucasus Based on Gravimetric Data, by B. K. Balabadze, G. Sh. Shengelaya, 3 pp.

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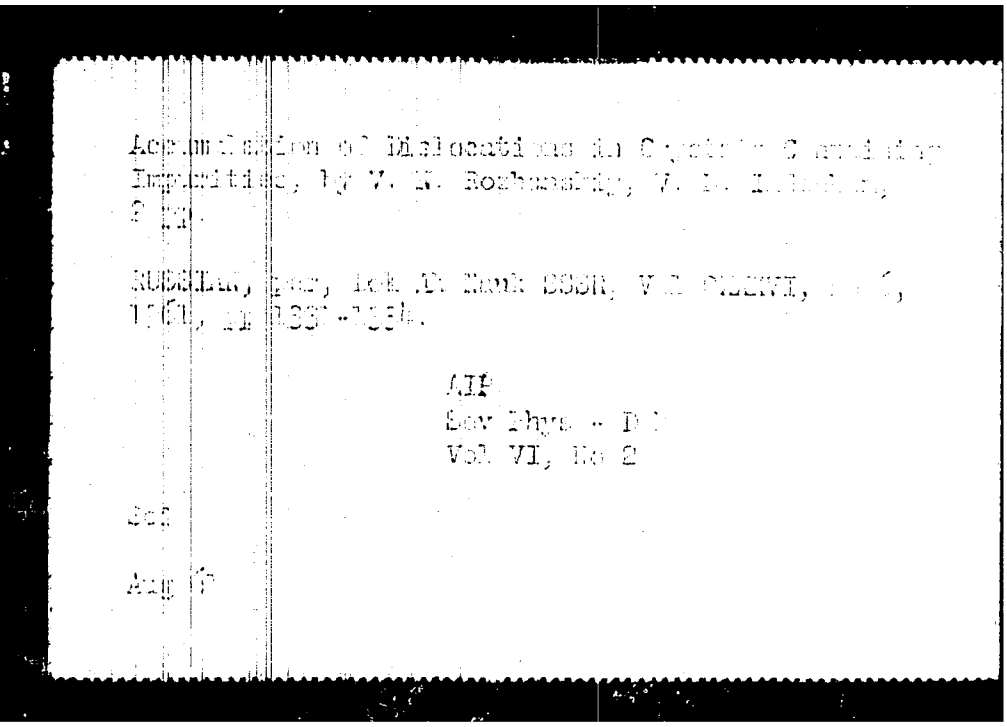

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Gadzhiev, S. N., and Sharifov, K. A.
DETERMINATION OF THE HEAT OF FORMATION OF INDIUM ANTIMONIDE BY FUSION IN A CALORIMETRIC VESSEL. [1962] [5]p. 6 refs.
Order from OTS or SLA $1.10 63-13423

Trans. of [Akad[emiya] Nauk SSSR (Dokl[ady]] 1961, v. 136 [no. 6] p. 1339-1341.

DESCRIPTORS: *Heat of formation. *Indium compounds, Calorimeters, *Antimonides.

(Chemistry--Physical, TT, v. 10, no. 2)

63-13423

1. Title: Fusion
I. Gadzhiev, S. N.
II. Sharifov, K. A.
III. Translations, New York

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(DC-6327)

On the Synthesis and Properties of Polyacetylene, by V. V. Korshak, V. I. Kasatochkin, A. M. Slonkov, et al, 10 pp.

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JPRS 10866

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Nikitin, E. E.
INTERMOLECULAR ENERGY TRANSFER IN COLLISIONS OF CHEMICALLY ACTIVE MOLECULES. [1962] [6]p. 8 refs.
Order from OTS or SLA $1.10 63-13864

Trans. of Akad[emiya] Nauk SSSR. (Doklady, 1961, v. 136 [no. 6] p. 1376-1379.

DESCRIPTORS: *Molecular properties, Atomic properties, Chemical reactions, Vibration, Energy, *Excitation, Kinetic theory, Transport properties.

(Chemistry--Physical, TT, v. 9, no. 12)

63-13864

I. Nikitin, E. E.
II. Translations, New York

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Afanas'ev, G. T., Bobolev, V. K., and Bolkhovitinov, L. G.
EVALUATION OF SENSITIVITY OF EXPLOSIVE SUBSTANCES. [1961] 8p. (2 figs. omitted) 8 refs.
Order from OTS or SLA $1.10 61-18634

Trans. of Akademiya Nauk SSSR. (Doklady, 1961, v. 136 [no. 6] p. 1396-1398.

DESCRIPTORS: Explosions, Starting, Test methods, Sensitivity, Pressure, Thermodynamics, *Explosives, Heat transfer.

Generalized criteria are proposed that are a function of chemical, mechanical, and thermodynamical properties of substances and of conditions of mechanical influence. The theory of thermal explosion and the thesis concerning the part of pressure on the initiation of the explosion are assumed which were stated
(Engineering--Ordnance, TT, v. 6, no. 9) (over)

61-18634

I. Afanas'ev, G. T.
II. Bobolev, V. K.
III. Bolkhovitinov, L. G.

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Problem of the Correlation of the Chegan Formation of the Turgay Depression With the Section of Marine Paleogene Deposits of Central Asia, by T. P. Bondareva, 2 pp.

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The Problem of Intraformational Erosion in the Cretaceous Stratum of the Dnepr-Donets Depression, by V. K. Gavrish, I. M. Shaykin, 3 pp.

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Nov 62

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Lower Carboniferous and Upper Devonian Deposits of the Zhanasu Region (Southern Yembensky Gravity Maximum), by R. G. Garetsky, I. P. Yegorov, 3 pp.

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Nov 62

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The Shevchenko Glacio-Alluvial Formation in the Middle Dnepr Area, by G. I. Goretsky, 2 pp.

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